ATTACHMENT NO.5

STATE IDENTIFICATION NUMBER (If Applicable)

PA IDENTIFICATION NUMBER (265.11)

R(84) E 122

RCRA INSPECTION REPORT - INTERIM STATUS STANDARDS TREATMENT, STORAGE, AND DISPOSAL FACILITIES Form A - General Facility Standards

I. General Information:

(A)	Facility	Name:	UNIVERSA	1 Propul	sion Co	mpany	
(B)	Street:	2540	N. CENT	ral AVEN	4E	. , ,	
(C)	City: _	Phoan	, 	(D) State:	AZ	(E) Zip	Code: 85029
				(G) Co			
(H)	Operator						
(I)	Street:						
(J)	City: _			(K) State:	•	(L) Zip	Code
(M)	Phone:			(N) Cou	nty:		
(P)	Street:		···	•	·		
(Q)	City: _			(R) State:		(S) Zip	Code:
(T)	Phone:		•	(U) Co	unty:		
(٧)	Date of	Inspection:	3/19/8	선 (W) Time	of Inspection	on (From)	(To)
(x)	Weather	Conditions:	CLEA			· ,	

Person(s) Interviewed Harold Watsm	Title Passident	Telephone
William HALLAS		UlitiES AND SALETY
LArry Kempton	Executive V	ilitiés <u>iand salety</u> ice President
Inspection Participants DANIEL SHAWE	Agency/Title EPA	Telephone
Cynthia L. Allison	AZDOHS	
Preparer Information		
Name DANILL M. SHANE	Agency/Title EPA	Telephone
	•	•
II.	SITE ACTIVITY:	

Complete sections I through VII for all treatment, storage, and/or disposal facilities. Complete the forms (in parenthesis) in section VIII corresponding to the site activities identified below:

L A. _{<}	Storage and/or Treatment 1. Containers (I) 2. Tanks (J)	VD.	Incineration and/or Thermal Treatment (O and P)
	3. Surface Impoundments (K) 4. Waste Piles (L)	E.	Chemical, Physical, and Biological Treatment (Q)
B.	Land Treatment (M)		(4)
c.	Landfills (N)		•

 $\underline{\underline{\text{Note:}}}$ If facility is also a generator or transporter of hazardous waste complete sections IX and X of this form as appropriate.

III. GENERAL FACILITY STANDARDS: (Part 265 Subpart B)

	•		Yes	No	NI*	Remarks
(A)		the Regional Administrator notified regarding:				
	1.	Receipt of hazardous waste from a foreign source? (265.12)		<u> </u>		
(B)	Gen	eral Waste Analysis: (265.13)				
	1.	Has the owner or operator obtained a detailed chemical and physical analysis of the waste?		<u> </u>	<u>, </u>	Burn residu
	2.	Does the owner or operator have a detailed waste analysis plan on file at the facility?		¥		
		Does the plan contain:				
		-Parameters of analysis of each waste handled?		V		
		-Rationale for the selection of each parameter?	·	1		
		-Test methods for each parameter?		1		
		-Sampling methods for each waste?		<u>~</u>		
		-Frequency which each analysis will be reviewed or repeated?		V		
	3.	Does the waste analysis plan specify procedures for inspection and analysis of each movement of hazardous waste from off-site?				N/A
	4.	If the above procedures include sampling, is the sampling method described?				N/A
(C)	Sec	urity - Do security measures include: (if applicable) (265.14)				
	1.	24-hour surveillance?				
	2.	Artificial or natural barrier around facility?	<u>√</u>			Perimeter tence line
	3.	Controlled entry?				

^{*} Not Inspected

III. GENERAL FACILITY STANDARDS: - Continued (Part 265 Subpart B)

							•	Yes	No	NI*	Remarks	
	4.	Dan	ger si	.gn(s) a	t entra	nce?		√	_	_		_
	5.	"Da pos	nger-D	nauthor each e	ized Pe	e legend rsonnel 1 to activ y?	Keep Ou	it•		_		_
(D)				perator (265.	Inspec 15)	tions						
	1.	Ins	pectio	n sched	ule?		٠.	✓				
		a.	of pr from	oblems malfunc , deter	that ar	dentify (e expecte operator n or disc	eď	1				
			Safet	y, emer	gency e	quipment	?	<u>\</u>				_
			Secur	ity equ	ipment?			✓		_		_
				ting an ment?	d struc	tural		<u> </u>	_	_		-
		b.	frequ			ndicate t	the		∠			_
		c.	inspe	the sch ction o ding ar	f loadi:	nclude da ng and	aily				N/A	- .
	2.	Ins	pectio	n log?					\checkmark			·
		Does	s the	log inc	lude:						NO INSPER	CTIONS BNTAING
		-Da	te & t	ime of	inspect	ion?		States of	_		STOCAGE	_
		-Na	me of	inspect	or?			*	¥			_
		-0b	servat	ions re	corded?			_	~	_		-
					f repair actions				Y			_

^{*} Not Inspected

III. GENERAL FACILITY STANDARDS: - Continued (Part 265 Subpart B)

			Yes NO NI*	Remarks
(E)		sonnel Training: fective 5/19/81) (265.16)		•
	1.	Have facility personnel received required training by 5/19/81?	_	
	2.	Do new personnel receive required training within six months?	_	
	3.	Does facility have a program of classroom instruction or on-the-job training?	<u></u>	
	4.	Is it directed by a person trained in hazardous waste management?	<u>~</u>	-
		Does the program include training in:	:	
	•	a. Emergency Response?	<u> </u>	
		i. Emergency Equipment?	<u>~</u>	
		ii. Emergency Procedures?	<u> </u>	
		iii. Emergency Systems?	<u></u>	
	5.	Do personnel training records include:		
		a. Job titles?	<u> </u>	
	,	b. Job descriptions?	<u></u>	
		c. Description of training?	<u> </u>	
		d. Records of training?	<u>~</u>	
(F)	reg	required are the following special uirements for ignitable, reactive, or ompatible wastes addressed? (265.17)		
	1.	Special handling?	<u> </u>	
	2.	No smoking signs?	<u> </u>	
	3.	Separation and protection from ignition sources?	¥	

^{*} Not inspected

IV. PREPAREDNESS AND PREVENTION: (Part 265 Subpart C)

		Yes No NI*	Remarks
(A)	Maintenance and Operation of Facility:		•
	Is there any evidence of fire, explosion, or release of hazardous waste or hazardous waste constituent?		
(B)	If required, does the facility have the following equipment: (265.32)	٠.	PAGING
	1. Internal communications or alarm systems?	_	System.
. .	2. Telephone or 2-way radios at the scene of operations?		
	3. Portable fire extinguishers, fire control, spill control equipment and decontamination equipment?	_	
	Indicate the volume of water and/or foam available for fire control:	· ·	
	FACILITY USES ON- SITE WA	ter well.	
(C)	Testing and Maintenance of Emergency Equipment: (265.33)		
	1. Has the owner or operator estab- lished testing and maintenance procedures for emergency equipment?	_	
	2. Is emergency equipment maintained in operable conditions?		
(D)	Has owner or operator provided immediate access to internal alarms (if needed)? (265.34)		N/A

^{*} Not Inspected

V. CONTINGENCY PLAN AND EMERGENCY PROCEDURES: (Part 265 Subpart D)

Yes No NI* Remarks

- (A) Does the Contingency Plan contain the following information:
 - 1. The actions facility personnel must take to comply with \$265.51 and 265.56 in response to fires, explosions, or any unplanned release of hazardous waste? (265.52) (If the owner has a Spill Prevention, Control, and Countermeasures (SPCC) Plan, he needs only to amend that plan to incorporate hazardous waste management provisions that are sufficient to comply with the requirements of this Part (as applicable.) (265.51)
 - 2. Arrangements agreed by local police department, fire departments hospitals, contractors, and State and local emergency response teams to coordinate emergency services pursuant to \$265.37?
 - Names, addresses, and phone numbers (office and home) of all persons qualified to act as emergency coordinators? (265.52) (listed in order of responsibility)
 - 4. A list of all emergency equipment at the facility which includes the location and physical description of each item on the list and a brief outline of its capabilities? (265.52)
 - 5. An evacuation plan for facility personnel where there is a possibility that evacuation could be necessary? (This plan must describe signal(s) to be used to begin evacuation, evacuation routes, and alternate evacuation routes?) (265.52)

		Yes	No	NI*	Remarks .
(B)	Are copies of the Contingency Plan available at site and local emergency organizations? (265.53)	<u>. </u>	✓		
(c)	Emergency Coordinator (265.55)	٠			· ·
	1. Is the facility Emergency Coordinator identified?	<u>~</u>	_		•
	2. Is coordinator familiar with all aspects of site operation and emergency procedures?	<u>✓</u>	_		
	3. Does the Emergency Coordinator have the authority to carry out the Contingency Plan?	<u>*</u>	-		
(D)	Emergency Procedures				
٠	If an emergency situation has occurred at this facility, has the Emergency Coordinator followed the emergency procedures listed in 265.56?	—		· -	N/A
	VI. MANIFEST SYSTEM, RE (Part 265				EPORTING
		Yes	No	NI*	Remarks
(A)	Use of Manifest System (265.71)			. •.	•
	 Does the facility follow the procedures listed in §265.71 for processing each manifest? 				NA
	2. Are records of past shipments retained for 3 years? (262.40)	· —·		_	NO WASTES (4moved offsite
(B)	Does the owner or operator meet requirements regarding manifest discrepancies? (265.72)			<u> </u>	N/A
*Not	Inspected	7		•	

(C)	Operati	ing Record (265.73)	÷	
	·mai rec	es the owner or operator intain an operating cord as required in 5.73?	_	
	cor	es the operating record - ntain the following formation:		
	**b.	The method(s) and date(s) of each waste's treatment, storage, or disposal as required in Appendix I?	<u> </u>	· · · · · · · · · · · · · · · · · · ·
	c.	The location and quantity of each hazardous waste within the facility?	<u> </u>	
	***d.	A map or diagram of each cell or disposal area showing the location and quantity of each hazardous waste? (This information should be cross-referenced to specific manifest number, if waste was accompanied by a manifest.)	· · · · · · · · · · · · · · · · · · ·	N/A
		Records and results of all waste analyses, trial tests, monitoring data, and operator inspections?		
•	f.	Reports detailing all incidents that required implementation of the Contingency Plan?		NO INCIDENTS TEPOTTED TELATED TO BAZATOM WASTES
	g.	All closure and post closure costs as applicable? (Effective 5-19-81)		to hazardoms wastes

** See page 33252 of the May 19, 1980, Federal Register.

*** Only applies to disposal facilities

CLOSURE AND POST CLOSURE

CLOSURE PLAN

I.	WRI	TTEN PLAN	YES	NO	NI	REMARKS
	.1.	Does the facility have a closure plan? (265.112.a.)		~	-	v
	2.	a. amended due to change in opera- ting plan or facility design?	tance to	Y		
		(265.112b). b. amended due to change in expected year of closure?		<u> </u>	-	
		(265.112b). c. was the plan amended within 60 days of the changes? (265.112b)	a. ven	¥		
II.	MAX	IMUM EXTENT OF OPERATION				
	1.	Does the plan estimate the maximum extent of operation which will be unclosed during the life of the facility? (265.112.a.2)	***	L	er alem	
	2.	Is the maximum extent of operation estimate exceeded by current operations?		· */	·	,
III.	MAX	IMUM INVENTORY				
	1.	Is there an estimate of the maximum inventory of wastes in storage or treatment at any time during the life of the facility? (265.112.a.2).		¥	<i>_</i>	·
	2.	Does the maximum inventory estimate include the maximum amount of on-site:				
		a. wastes in surface impoundments?				
		b. wastes in tanks?		66		
		c. wastes in piles?				<u> </u>
		<pre>d. wastes in drainage pits/ sumps?</pre>			_	
		e. wastes in containers? f. contaminated soil from	-	Z		
		land treatment fields?				
•		g. contaminated soil and liners from non-disposal impoundments?		_	. ,	
		h. contaminated soil from	Callysia			
		<pre>spills and leaks? i. decontaminated residues?</pre>	حستوفقت	*******		
		j. process residues?		-/		
		k. other (specify)			_	
				-		

		YES	NO	NI	REMARKS
3.	Does the plan discuss the types of testing and criteria to be used to determine: a. whether soil is contaminated? b. whether decontamination residues are hazardous? c. other (specify)				
4.	Are incompatible wastes identified and provisions described for keeping them separate during closure?	-	-	-	N/A
IV. FIR	NAL CLOSURE				
1.	Does the plan identify the steps to close: a. at any point during the intended operating life? (265.112a) b. at the end of the intended operating life? (265.112a)	_	<u>√</u>		
2.	Do the steps to close in the plan include: a. removal of wastes? (265.112a) b. treatment of wastes? (265.112a) c. waste disposal? (265.112a) d. decontamination of equipment & structures? (265.112a 3)	=	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		
	e. closure certification? (265.115)		_		
3.	Does the plan identify the year when final closure is expected to occur? (265.112a.4).		<u></u>	-	
4.	Is there a schedule for final closure activities? (265.112a.4).		1		
5.	Does the schedule for final closure include: a. date closure is expected to begin? (265.112a.1). b. total time required to close: (265.112a.4). c. the items for intervening closure activities(milestone dates)? (265.112a.4) (i.e. time required for waste inventory treatment; disposal; decontamination).		<u>\</u>	_	

	•	YES NO N.	REMARKS
6.	Does the schedule for final closure:	• .	
	a. encompass more than 90 days for treatment, removal or	· ***	•
•	<pre>disposal of hazardous waste after receipt of final volume of wastes? (265.113a).</pre>		
	b. encompass more than 180 days for completion of closure plan activities after receipt		
	of final volume of wastes? (265,113b).		
	· · · · · · · · · · · · · · · · · · ·		
PAR'	TIAL CLOSURE		
1.	of discreet regulated waste management units during the intended	operating	_
	life? (265.112a.1).		
2.	Do the plans for partial closure identify how the requirements of Sections 265.111, 165.113, 265.114 & 265.115 and other closure requirements specific to the regulated unit will be met? (265.112a.1).		
3.	Does the plan identify the date(s) when partial closure is expected to occur? (265.112a.1).		/

VIII. FACILITY STANDARDS (Part 265, Subparts I thru R)

- USE AND MANAGEMENT OF CONTAINERS

Facility	Name:	•	Date of Inspection:					
	•	. 1	Yes	No	NI*	Remarks		
	•			•		•		
1.	Are containers in good cond (265.171)	lition?	<u>~</u>					
2.	Are containers compatible waste in them? (265.172)	rith -	_					
3.	Are containers stored close (265.173a)	·d?	<u> </u>			*		
· 4.	Are containers managed to pleaks? (265.173b)	prevent	<u>/</u> .					
5.	Are containers inspected we leaks and defects? (265.1			<u> </u>	•	INSPECTED MON	thly	
	Are ignitable & reactive wa stored at least 15 meters (from the facility property (Indicate if waste is ignital reactive.) (265.176)	50 feet) line?	<u> </u>	19	· ——.		· 	
7.	Are incompatible wastes st separate containers? (If provisions of 40 CFR 265.1 apply.) (265.176)	not, the				w/A		
8.	Are containers of incompat waste separated or protect each other by physical bar or sufficient distance? (2)	ed from riers		.· .· .	-,	n/A	•	

O and P INCINERATION and THERMAL TREATMENT 340-351*

(A)	Facilit	y Na	me:	MINERS	al P	1000	<u>. 15:</u>	on (COMPANY	
(B)			pection: _			•				
				·	· - ′					
. •	,			I. Dete	rminati	on of	Stead	dy Stat	<u>e</u>	
						_				
A.	Type of	unit	(i.e., type		*		rmal 1	treatme	nt):	
٠			0 741	s Burn	4146	•				
B.	Componen	its a	nd steady si	ate condit	ion:		•			. •
			•		***	Was	this	compone	nt at SS pri	or to adding
			Compone	ent		Yes	No .	NI*	Remarks	
1.							•		•	•
2.			,			_	_	<u> </u>	<i></i>	
_				•		_		<u> </u>	,	
3.						_	_	-		
4.						_	_	<u> </u>		
5.						_	_			
					I. Wast	te An	alysi	<u>s</u>	•	
	•			•						•
A.	Minimum	requ	irements, fo	or wastes n	•		_			•
	1.	ana	uired analys lysis been positions the follow	performed	ו	Yes	No	NI*	Remarks	
		a.	Heating va	lue			_	~		
		b.	Halogen co	ntent				V		
		c.	Sulfur con	tent	·			_		
							•			
*No	t Inspect	ed				16				
	•									

	Has documented or written data been substituted for analysis of either:			
	a. Lead?			
	b. Mercury?			
B.	List other parameters for which the waste steady state or determine the types of portangements any which you feel should be test. 1. GASES - H20, C02, N2, 2. Solids - Al203, KCI, F22 3. 4.	ollutants ced.)	which may	le owner or operator to estable be emitted. (Note in Remarks
	III. Monitoria	ng and In	spections	•
	·	Yes No	NI*	Remarks
A.	Are combustion/emission control instrument monitored at least every 15 minutes?	nts		reter to Standard operating procedures
В.	Is steady state maintained or corrections attempted?	· — —	<u>√</u>	operating procedures
c.	Is stack plume observed at least hourly for normal color and opacity?			
D.	Did any stack observations made by owner or operator show a plume different than normal?**		<u>~</u>	
E.	If yes to D above, were corrections made to return emissions to normal appearance?**			
F.	Are the complete unit and associated equiment inspected daily for leaks, spills, and fugitive emissions?	ip-		
6.	Are emergency shutdown controls and system alarms checked daily for proper operation?			
				· ·

^{*}Not Inspected **Specify in Remarks for what period of time this was checked.

IV. Open Burning

A.	Only	complete	this	part	if the	facility	open	burns	hazardous	waste.
----	------	----------	------	------	--------	----------	------	-------	-----------	--------

Yes No NI* Remarks Does this facility burn only waste explosives? Solid propellant Class B Explosives (A No answer means other hazardous waste is openburned.) If this facility openburns waste explosives, does it burn the waste at a distance greater than or equal to the APProx. 500' minimum specified distance

Pounds of waste explosives Minimum distance from open or propellants burning or detonation to the property of others

0 to 100	204 m	670	
101 to 1,000	380 m	1,250	ft
1,001 to 10,000	530 m	1,/30	ft
10,0001 to 30,000	690 m	2,260	ft

0

CHEMICAL, PHYSICAL and BIOLOGICAL TREATMENT

Pacility Name:

Date of Inspection:

Yes No NI* Remarks

1. Is equipment used to treat only those wastes which will not cause leakage, corrosion, or premature failure? (265.401.b)

(below) (265.382)

2. Is a continuously fed system equipped with a means of hazardous waste inflow stoppage or control (e.g., cut-off system?) (265.401.c)

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